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EXAMINER	
NEURAUTER, GEORGE C	

ART UNIT	PAPER NUMBER
2143	

DATE MAILED: 07/18/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/037,867	PARRY, TRAVIS J.	
	Examiner	Art Unit	
	George C. Neurauter, Jr.	2143	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *02 May 2006*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-9 and 11-44* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-9 and 11-44* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Claims 1-9 and 11-44 are currently presented and have been examined.

Response to Arguments

Applicant's arguments filed 2 May 2006 have been fully considered but they are not persuasive.

The Applicant argues that Fredlund does not teach or suggest any of the limitations of the independent claims.

MPEP 2123 states:

"The use of patents as references is not limited to what the patentees describe as their own inventions or to the problems with which they are concerned. They are part of the literature of the art, relevant for all they contain...A reference may be relied upon for all that it would have reasonably suggested to one having ordinary skill the art, including nonpreferred embodiments...Disclosed examples and preferred embodiments do not constitute a teaching away from a broader disclosure or nonpreferred embodiments."

The Applicant argues that Fredlund does not specifically teach or suggest a printer for both printing the images and posting the images to a network site. As shown previously by the Examiner, a communication device performs the automatic posting

of an image to a network site via the printer in response to receiving the image.

Fredlund expressly discloses:

"The communication device 20 may be simpler or alternately more complex, than the device depicted in FIG. 5." (column 7, lines 19-20)

"Additional features...may also be provided to make the communication device 20 a multi-functional device." (column 7, line 66-column 8, line 2)

Therefore, in view of the teachings of Fredlund regarding printers within the background of the invention and the expressly disclosed suggestion that the communication device of Fredlund may include additional features that would make the communication device a "multi-functional" device, these teachings and disclosures would have reasonably suggested to one of ordinary skill in the art that a nonpreferred embodiment wherein the communication device additionally performs the nominally recited steps of receiving an image and printing the image by having printing features included within the communication device would have been possible. Since the Applicant nominally recites well known features of printing an image on a printer after receiving the image from some nonrecited entity such as a computer, which are disclosed in

Fredlund as shown by the Examiner, as also admitted by the Applicant on page 10 and as is within the level of knowledge of those of ordinary skill, Fredlund reasonably suggests the limitations of the claimed invention as a nonpreferred embodiment and the claims are not in condition for allowance.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless -
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-9, 11-25, 27-30, 32, and 34-43 are rejected under 35 U.S.C. 102(e) as being anticipated by US Patent 6 812 962 B1 to Fredlund et al.

Regarding claim 1, Fredlund discloses a method of automated posting of an image printed to a printer, the method comprising:

transferring an image to a printer (column 1, lines 28-48, specifically lines 30-32 and 40-45); and printing the image on the printer (column 1, lines 28-48, specifically lines 32-34 and 40-47) and automatically posting the image to a network site via

the printer in response to receiving the image (column 6, lines 19-42, specifically lines 23-26; column 7, line 61-column 8, line 2; column 8, lines 18-58).

Regarding claim 2, Fredlund discloses the method of claim 1, comprising defining a communication path between the network site and the printer. (column 6, lines 19-42, specifically lines 27-34; column 8, lines 18-58)

Regarding claim 3, Fredlund discloses the method of claim 2, wherein defining a communication path includes defining a network communication link including an Internet communication link. (column 6, lines 1-18 and 27-42; column 8, lines 5 and 18-58)

Regarding claim 4, Fredlund discloses the method of claim 2, wherein defining the communication path between the network site and the printer includes registering the network site with the printer. (column 6, lines 1-18; column 7, lines 19-32)

Regarding claim 5, Fredlund discloses the method of claim 2, wherein defining the communication path includes registering the network site with the printer, and wherein registering the network site includes defining the network site to be a website. (column 6, lines 1-18, specifically lines 1-10; column 7, lines 19-32)

Regarding claim 6, Fredlund discloses the method of claim 5, wherein defining the communication path further includes defining a unique address associated with the website, and registering the website address with the printer. (column 6, lines 1-18, specifically lines 1-10; column 7, lines 19-32)

Regarding claim 7, Fredlund discloses the method of claim 6, wherein defining the website address includes defining the unique address associated with the website as an IP address. (column 6, lines 1-18, specifically lines 1-10; column 7, lines 19-32)

Regarding claim 8, Fredlund discloses the method of claim 2, wherein defining the communication path between the network site and the printer includes defining the printer to include a posting system controller and a web access mechanism, including a network interface. (column 6, lines 19-42, specifically lines 23-26; column 7, line 61-column 8, line 2; column 8, lines 18-58)

Regarding claim 9, Fredlund discloses the method of claim 8, wherein the printer automatically posts the image to the network site via the posting system controller and the web access mechanism. (column 6, lines 19-42, specifically lines 23-26; column 7, line 61-column 8, line 2; column 8, lines 18-58)

Regarding claim 11, Fredlund discloses the method of claim 1, wherein transferring the image to the printer includes the printer receiving the image via a cable link, a wireless link, CD ROM, or a removable memory. (column 1, lines 40-48)

Regarding claim 12, Fredlund discloses the method of claim 1, wherein the printer receiving the image includes removing the removable memory from a digital camera and inserting the removable memory into the printer. (column 1, lines 40-48)

Regarding claim 13, Fredlund discloses the method of claim 12, wherein the printer receiving the image via the removable memory includes defining the printer to include a removable memory port, and wherein the printer receiving the image includes receiving the image via the removable memory port. (column 1, lines 40-48)

Regarding claim 14, Fredlund discloses the method of claim 1, wherein automatically posting the image to the network site includes registering the printer with the network site. (column 6, lines 19-42, specifically lines 23-26; column 7, line 61-column 8, line 2, specifically column 7, lines 33-49; column 8, lines 18-58)

Regarding claim 15, Fredlund discloses the method of claim 14, wherein registering the printer with the network site includes defining a printer network address, and wherein

defining the printer network address includes defining a unique address associated with the printer and registering the printer network address with the network site. (column 6, lines 19-42, specifically lines 23-26; column 7, line 61-column 8, line 2; column 8, lines 18-58)

Regarding claim 16, Fredlund discloses the method of claim 15, wherein defining the network address includes defining the unique address associated with the printer as an IP address. (column 6, lines 19-42, specifically lines 23-26; column 7, line 61-column 8, line 2; column 8, lines 18-58)

Regarding claim 17, Fredlund discloses the method of claim 1, wherein the printer automatically posting the image to the network site includes defining a posting criterion, and wherein defining the posting criterion includes defining posting options for posting the image to the network site. (column 6, lines 19-42, specifically lines 23-26; column 7, lines 33-49; column 7, line 61-column 8, line 2; column 8, lines 18-58)

Regarding claim 18, Fredlund discloses the method of claim 17, wherein defining the posting criterion further includes defining a sender interface, and wherein defining the posting criterion includes defining the posting criterion via the sender interface. (column 7, line 50-58; column 8, line 59-column 9, line 11)

Regarding claim 19, Fredlund discloses the method of claim 17, wherein defining the posting options includes at least one of registering sender information, network information, printing options, and posting options. (column 6, lines 19-42, specifically lines 23-26; column 7, lines 33-49 and 50-58; column 7, line 61-column 8, line 2; column 8, line 18-column 9, line 11)

Regarding claim 20, Fredlund discloses the method of claim 14, wherein registering the printer with the network site includes registering a sender to post the image to the network site. (column 7, line 61-column 8, line 2, specifically column 7, lines 33-49)

Regarding claim 21, Fredlund discloses the method of claim 19, wherein registering the sender information includes providing a username and a password of the sender, and the printer network address for the printer. (column 6, lines 19-42, specifically lines 23-26; column 7, lines 33-49 and 50-58; column 7, line 61-column 8, line 2; column 8, line 18-column 9, line 11)

Regarding claim 22, Fredlund discloses the method of claim 5, wherein defining the network site to be a website includes selecting the website via a sender interface and registering the website with the printer via the sender interface. (column 6,

lines 1-18, specifically lines 1-10; column 7, lines 19-32; column 7, line 50-58; column 8, line 59-column 9, line 11)

Regarding claim 23, Fredlund discloses the method of claim 19, wherein registering the printing options includes selecting at least one of a file format input, a file format output, a print medium size, a print medium type, a number of copies, a printing layout, a color printing option, and a finishing option. (column 7, lines 33-49 and 50-58; column 7, line 61-column 8, line 2; column 8, line 18-column 9, line 11)

Regarding claim 24, Fredlund discloses the method of claim 19, wherein registering the posting options includes selecting at least one of a delivery, a method, a gallery, an image size, and attributes. (column 6, lines 19-42, specifically lines 23-26; column 7, lines 33-49 and 50-58; column 7, line 61-column 8, line 2; column 8, line 18-column 9, line 11)

Regarding claim 25, Fredlund discloses the method of claim 1, wherein automatically posting the image to the network site includes sending an e-mail to the network site with the image as an attachment. (column 6, lines 1-10)

Regarding claim 27, Fredlund discloses the method of claim 1, wherein the printer automatically posting the image to the network site includes defining the posting of the image to the network site as a direct transfer via Hypertext Transfer

Protocol (HTTP). (column 6, lines 1-18 and 27-42; column 8, lines 5 and 18-58)

Regarding claim 28, Fredlund discloses a system for automated posting of an image sent to a printer to a network site, the system comprising:

a printer configured to receive the image for printing (column 1, lines 28-48, specifically lines 30-32 and 40-45) and print the image (column 1, lines 28-48, specifically lines 32-34 and 40-47) and automatically post the image to a website (column 6, lines 19-42, specifically lines 23-26; column 7, line 61-column 8, line 2; column 8, lines 18-58) according to a predefined posting criterion in response to receiving the image. (column 6, lines 19-42, specifically lines 23-26; column 7, lines 33-49; column 7, line 61-column 8, line 2; column 8, lines 18-58)

Regarding claim 29, Fredlund discloses the system of claim 28, wherein the printer includes a removable memory port. (column 1, lines 40-48)

Regarding claim 30, Fredlund discloses the system of claim 28, wherein the printer includes a posting system controller, an embedded web access mechanism and a sender interface allowing the printer to automatically post the image to the website.

(column 6, lines 19-42, specifically lines 23-26; column 7, line 61-column 8, line 2; column 8, lines 18-58)

Regarding claim 32, Fredlund discloses the system of claim 30, wherein the embedded web access mechanism allows the printer to communicate with the network site regardless of the network site's operating platform. (column 6, lines 1-18 and 27-42; column 8, lines 5 and 18-58)

Regarding claim 34, Fredlund discloses the system of claim 28, wherein the printer is configured to communicate with the website via a network communications link for automatically posting the image to the network site. (column 6, lines 19-42, specifically lines 27-34; column 8, lines 18-58)

Regarding claim 35, Fredlund discloses the system of claim 30, wherein the sender interface includes a field for defining posting criterion. (column 7, line 50-58; column 8, line 59-column 9, line 11)

Regarding claim 36, Fredlund discloses the system of claim 35, wherein the sender interface posting criterion includes at least one of a delivery option, a gallery option, and an image size field. (column 6, lines 19-42, specifically lines 23-26; column 7, lines 33-49 and 50-58; column 7, line 61-column 8, line 2; column 8, line 18-column 9, line 11)

Regarding claim 37, Fredlund discloses a system for automated posting of an image sent to a printer to a network site, the system comprising:

a printer including a system memory having predefined posting criterion stored therein (column 6, lines 19-42, specifically lines 23-26; column 7, lines 33-49; column 7, line 61-column 8, line 2; column 8, lines 18-58), and a system controller configured to receive the image (column 1, lines 28-48, specifically lines 30-32 and 40-45) and print the image (column 1, lines 28-48, specifically lines 32-34 and 40-47) and automatically post the image to a website according to the predefined posting criterion in response to receiving the image. (column 6, lines 19-42, specifically lines 23-26; column 7, lines 33-49; column 7, line 61-column 8, line 2; column 8, lines 18-58)

Regarding claim 38, Fredlund discloses a computer-readable medium having computer-executable instructions for performing a method of automated posting of an image to a network site, the method comprising:

transferring an image to a printer; (column 1, lines 28-48, specifically lines 30-32 and 40-45) and printing the image on the printer (column 1, lines 28-48, specifically lines 32-34 and 40-47) and automatically posting the image to a network site via

the printer in response to receiving the image. (column 6, lines 19-42, specifically lines 23-26; column 7, line 61-column 8, line 2; column 8, lines 18-58)

Regarding claim 39, Fredlund discloses a sender interface for use in automatically posting an image, which is printed to a printer, to a network site, comprising:

printing options for selecting print criterion for printing the image on the printer in response to receiving the image for printing; (column 6, lines 1-18, specifically lines 1-10; column 7, lines 19-32; column 7, line 50-58; column 8, line 59-column 9, line 11) and posting options for selecting posting criterion for posting the image from the printer to the network site in response to receiving the image for printing. (column 7, line 50-58; column 8, line 59-column 9, line 11)

Regarding claim 40, Fredlund discloses the system of claim 39, wherein the printing options include at least one of a file format input, a file format output, a print medium size, a print medium type, a number of copies, a print layout, a color printing option, and a finishing option field. (column 7, lines 33-49 and 50-58; column 7, line 61-column 8, line 2; column 8, line 18-column 9, line 11)

Regarding claim 41, Fredlund discloses the system of claim 39, wherein the posting options include at least one of a

delivery, a gallery, and an image size field. (column 6, lines 19-42, specifically lines 23-26; column 7, lines 33-49 and 50-58; column 7, line 61-column 8, line 2; column 8, line 18-column 9, line 11)

Regarding claim 42, Fredlund discloses the system of claim 39, further comprising at least one of a sender information category that identifies the sender (column 7, line 61-column 8, line 2, specifically column 7, lines 33-49) and a network information category that allows registration of the network site with the printer (column 6, lines 1-18; column 7, lines 19-32).

Regarding claim 43, Fredlund discloses the method of claim 1, wherein automatically posting the image to the network site includes posting the image to the network site via a network communications link according to a predefined posting criterion. (column 6, lines 19-42, specifically lines 23-26; column 7, lines 33-49; column 7, line 61-column 8, line 2; column 8, lines 18-58)

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

The factual inquiries set forth in *Graham* **v.** *John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

Claim 26 is rejected under 35 U.S.C. 103(a) as being unpatentable over Fredlund.

Regarding claim 26, Fredlund discloses the method of claim 1.

Fredlund does not expressly disclose wherein the printer automatically posting the image to the network site includes defining the posting of the image to the network site as a direct transfer via a File Transfer Protocol (FTP), however, Fredlund does disclose wherein the printer automatically posting the image to the network site includes defining the posting of the image to the network site as a direct transfer via Hypertext Transfer Protocol (HTTP) (column 6, lines 1-18 and 27-42; column 8, lines 5 and 18-58).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Fredlund since the reference suggests that other protocols may be used in order to post an image to the network site (column 9, line 65-column 10, line 2). In view of these suggestions and teachings shown above, one of ordinary skill would have found it obvious to modify the reference so that the application layer file transfer protocol or "FTP" is used to post the image to a network site since it was within the knowledge and level of one of ordinary skill in the art at the

time the invention was made to use FTP as a file transfer protocol in order to effect the transfer of data using the methods as disclosed and suggested in Fredlund since Fredlund discloses that any protocol may be used to transfer the data. Since both HTTP and FTP are known protocols for transferring data, one of ordinary skill in the art would have reasonably expected a successful use of FTP in the place of HTTP in order to transfer the images.

Claims 31, 33, and 44 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fredlund in view of "ImageWeb Integrated Printer Web Server" ("ImageWeb").

Regarding claim 31, Fredlund discloses the system of claim 30, wherein the posting system controller includes a processor, a memory, device-specific hardware, and input/output circuitry; and wherein embedded web access mechanism includes a network interface. (column 6, lines 19-42, specifically lines 23-26; column 7, line 61-column 8, line 2; column 8, lines 18-58)

Fredlund does not expressly disclose wherein the embedded web access mechanism includes a printer web page and a printer web server, however, "ImageWeb" does disclose these limitations (page 1, left column, specifically "Image Web incorporates a Web server directly into the printer...")

It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of these references since "ImageWeb" discloses that using a web server and web page with a sender printer simplifies printer tasks and allows the printer to be configured directly using a sender interface (page 1, left column, specifically "ImageWeb is designed to simplify many printer administrative and printing tasks by providing an easy-to-use point-and-click interface..."). In view of these specific advantages and that the references are directed to using embedded web access mechanisms within the sender printer, one of ordinary skill would have been motivated to combine these references and would have considered them to be analogous to one another based on their related fields of endeavor and reasonably expected a successful combination of the teachings and suggestions of the references.

Regarding claim 33, Fredlund and "ImageWeb" disclose the system of claim 31.

Fredlund does not expressly disclose wherein the printer web server is adapted to generate the printer web page, wherein the printer web page is configured to provide the sender interface, and wherein the sender interface is configured to

provide a control communications link to the posting system controller for defining a posting criterion.

"ImageWeb" discloses wherein the printer web server is adapted to generate the printer web page, wherein the printer web page is configured to provide the sender interface, and wherein the sender interface is configured to provide a control communications link to the posting system controller (page 1, left column, specifically "ImageWeb is designed to simplify many printer administrative and printing tasks by providing an easy-to-use point-and-click interface..."; page 2, left column, specifically "Features supported through this interface include...Print a single image...Set printer captions...Setting user preferences").

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Fredlund and "ImageWeb" wherein the sender interface is configured to provide a control communications link to the posting system controller for defining a posting criterion since "ImageWeb" suggests that criterion may be defined regarding the network configuration of the sender printer (page 2, image "3. Administration", specifically "Network Configuration"). In view of these suggestions and teachings shown above, one of ordinary skill would have found it obvious to modify the reference so

that the defining of posting criterion disclosed in Fredlund can be accomplished within the sender interface disclosed in "ImageWeb" and would have reasonably expected a successful combination of these teachings and suggestions.

Regarding claim 44, Fredlund discloses a printer for automated posting of an image to a network site, the printer comprising:

an embedded web access mechanism including a a network interface configured to communicate with the network site regardless of the network site's operating platform; (column 6, lines 1-42, specifically lines 23-26; column 7, line 61-column 8, line 2; column 8, lines 5 and 18-58)

a posting system controller configured to receive an image (column 1, lines 28-48, specifically lines 30-32 and 40-45) and print the image (column 1, lines 28-48, specifically lines 32-34 and 40-47) and automatically post the image to a website according to a predefined posting criterion in response to receiving the image (column 6, lines 19-42, specifically lines 23-26; column 7, lines 33-49; column 7, line 61-column 8, line 2; column 8, lines 18-58), the posting system controller including a processor, a memory, device-specific hardware, and input/output circuitry; and

a sender interface; (column 6, lines 1-18, specifically lines 1-10; column 7, lines 19-32; column 7, line 50-58; column 8, line 59-column 9, line 11)

Fredlund does not expressly disclose wherein an embedded web access mechanism including a printer web page and a printer web server and wherein the printer web server is adapted to generate the printer web page, wherein the printer web page is configured to provide the sender interface, and wherein the sender interface is configured to provide a control communications link to the posting system controller for defining the posting criterion.

"ImageWeb" discloses an embedded web access mechanism including a printer web page and a printer web server (page 1, left column, specifically "Image Web incorporates a Web server directly into the printer...")

"ImageWeb" also discloses wherein the printer web server is adapted to generate the printer web page, wherein the printer web page is configured to provide the sender interface, and wherein the sender interface is configured to provide a control communications link to the posting system controller (page 1, left column, specifically "ImageWeb is designed to simplify many printer administrative and printing tasks by providing an easy-to-use point-and-click interface..."; page 2, left column,

specifically "Features supported through this interface include...Print a single image...Set printer captions...Setting user preferences").

It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of these references since "ImageWeb" discloses that using a web server and web page with a sender printer simplifies printer tasks and allows the printer to be configured directly using a sender interface (page 1, left column, specifically "ImageWeb is designed to simplify many printer administrative and printing tasks by providing an easy-to-use point-and-click interface..."). In view of these specific advantages and that the references are directed to using embedded web access mechanisms within the sender printer, one of ordinary skill would have been motivated to combine these references and would have considered them to be analogous to one another based on their related fields of endeavor and reasonably expected a successful combination of the teachings and suggestions of the references.

It also would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Fredlund and "ImageWeb" wherein the sender interface is configured to provide a control communications link

to the posting system controller for defining a posting criterion since "ImageWeb" suggests that criterion may be defined regarding the network configuration of the sender printer (page 2, image "3. Administration", specifically "Network Configuration"). In view of these suggestions and teachings shown above, one of ordinary skill would have found it obvious to modify the reference so that the defining of posting criterion disclosed in Fredlund can be accomplished within the sender interface disclosed in "ImageWeb" and would have reasonably expected a successful combination of these teachings and suggestions.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to George C. Neurauter, Jr. whose telephone number is (571) 272-3918. The examiner can normally be reached on Monday through Friday from 9AM to 5:30PM Eastern.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on (571) 272-3923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

gcn

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SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100